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No. 31]

NEW DELHI, SATURDAY, JULY 31, 1971 (SRAVANA 9, 1893)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके।
 (Separate paging is given to this Part in order that it may be filed as a separate compilation)

भाग III—खण्ड 2

PART III—SECTION 2

पेटेंट कार्यालय द्वारा कार्य के एवं प्रदर्शनी और फ़िक्रानों से सम्बन्धित अधिसूचनाएँ और नोटिस

Notifications and Notices issued by the Patent Office relating to Patents and Designs

THE PATENT OFFICE

Patents and Designs

Calcutta the 31st July 1971

Application for Patents

The dates shown in crescent bracket, are the dates claimed under Section 78A of the Act.

12th July 1971

- 132064. Orissa Cement Limited. Refractory bricks and lining kilns with said bricks.
- 132065 Edward L. Bateman Limited Scrubbing method and apparatus
- 132066. Cluett, Peabody & Co., Inc. Durable press fabric and process for manufacture thereof
- 132067. N. L. Industries, Inc. Vibration-resistant thread-forming screw.
- 132068 Gough and Company (Hanley) Limited Improvements in casting machines.
- 132069 Airfix Industries Limited. Improvements in and relating to the art of moulding. (17th July 1970).
- 132070. Gough and Company (Hanley) Limited. Improvements in the casting of ceramic articles.
- 132071. Wilhelm Hermanns. Containers [Divisional date 23rd October 1969]
- 132072 P. G. Bhide An attachment to petrol engines to use kerosene as fuel.
- 132073 Lonza Ltd Process for the production of impact-resistant transparent polymers of vinyl chloride.
- 132074 Kabushiki Kaisha Osaka Packing Seizosho. Molding materials and shaped products of calcium silicate hydrate and manufacturing the same
- 132075. Sumitomo Chemical Co., Ltd Method for producing pure m-cresol.

M177GT/71

- 132076. Leningradsky dvazhdny ordens Lenina Metallichesky Zavod imeni XXII siezda KPSS. Profile grinding machine
- 132077. RCA Corporation Power transistors having controlled emitter impurity concentrations.
- 132078 D. R. Kochar, S. R. Kocher and Y. Kochar. Improvements in or relating to trolley.
- 132079 S. S. Jain. Unit converter.
- 132080. Union Carbide Corporation Corrosion inhibitors for alkanolamine gas treating systems.
- 132081. Palitex Project-Company G.m.b H Two-for-one twisting machine with compressed air operated threading mechanism,
- 132082. Lilghman Wheelabrator Limited. Improvements in or relating to blasting machines. (14th July 1970).
- 132083. Schweiz. Serum-Und Impfinstitut Und Institut Zur Erforschung der Infektionskrankheiten. Process producing anhydrous smallpox vaccine. (28th April 1971).
- 132084 Institut Nawozow Sztucznych Process for cooling the circulating gas in an ammonia synthesis
- 132085. Elektro-Thermit GmbH. Device for destroying machinery.
- 132086 Haldor Frederik Axel Topsøe. Improvements in the purification of methanol. (10th August 1970).
- 132087 Sandoz Limited. Improvements in or relating to organic compounds. (14th July 1969) [Divisional date 13th July 1970]
- 132088 Food Control AB. A method of establishing changes in occurring time-temperature conditions.
- 13th July 1971
- 132089. Council of Scientific and Industrial Research. Electro-deposition of castor oil maleic anhydride resins on mild steel,

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132090. Josephluca, (Industries) Limited. Vehicle lamps. (18th July 1970).
132091. Dunlop Holdings Limited. Composites. (21st July 1970).
- 132092 Imperial Chemical Industries Limited. Fermentation method. (21st July 1970).
132093. Societe Berri-Balzac. Method for the preparation of terpene derivatives.
132094. Ciba-Geigy AG. Process for the deacylation of arylaminodianthrimides.
- 132095 Mrs. Nargis Samy Engineer. Improvements in and relating to tooth brush and the like.
- 132096 S. Venkatesan. The portable house—with detachable unit of latrine-cum-bathroom with overhead tank.
132097. V A. Poonarangam. Super cooker.
132098. Farbwerk Hoechst Aktiengesellschaft vormals Meisslucius & Bruning. Benzenesulfonyl-semicarbazides and process for their manufacture.
132099. Battelle Development Corporation. Sucrose nucleation composition and method preparation.
- 132100 E. I du Pont de Nemours and Company. Herbicidal complex and formulations thereof.
132101. G. M. Baladaev, V. S. Boiko, V. M. Malchenko, S. N. Misarenko, L. A. A. Tsitrin, E. I. Borzenko, and G. A. Golovko. Method of air separation into oxygen and argon.
132102. Chief Scientist, Research and Development Organisation, Ministry of Defence, New Delhi. An anti rust and scale composition.
- 132103 The Chief Scientist, Research and Development Organisation, Ministry of Defence, New Delhi (India). Vapour corrosion inhibitor oil.

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132104. Council of Scientific and Industrial Research. A process for the manufacture of leather boards.
132105. R. K. Bharucha. An improved temperature control device.
132106. M. N. Manmode. Illuminated magnifier.
132107. M. C. Gaikwad. Instant profile maker.
132108. H. T. Khandhar. Instant ice cream making machine.
132109. Mr. A. S. Tambe. Electronically controlled, electromagnetically driven clock movement.
132110. Wilkinson Sward Limited. Pressurised containers having contents which, when dispensed, may be used for medical and/or veterinary use. (18th July 1970).
132111. Girling Limited a British Company. Improvements in or relating to vehicle wheel brakes. (21st July 1970).
132112. Farbenfabriken Bayer Aktiengesellschaft. A process for the production of halogen-substituted aromatic amines.
132113. Societe Anonyme Tubest. Process and apparatus for producing by welding smooth tubes having thin or extra thin walls and the products so obtained. [Divisional date 29th November 1969].
132114. Atlas Copco Aktiebolag. A tunneling machine.
132115. Eli Lilly and Company. Process for preparing novel cephalixin salts.
132116. Combustion Engineering, Inc. Reference marker for volumetric inspection techniques.
132117. R. Yositomi. Apparatus for continuous dehydration,

132118. Keene Corporation. Suspended solids analyzer.
132119. Reifenhauser KG. Worm extrusion press for plastics.
- 132120 M. Singh. A locking mechanism.
- 132121 M. Singh. A web-offsetting printing machine.
- 132122 M. Singh. A web offsetting machine.
132123. Ritchter Gedeon Vegyeszeti Gyar R. T. Process for the acylation of 2-aminobenzophenone derivatives.
132124. Skf Industrial Trading and Development N. V. An arrangement for rectilinear guiding of a machine member along a beam.
132125. Bremshey & Co. Improvements in or relating to umbrellas.

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132126. Rhone-Poulenc S. A. Thiazolidine derivatives.
132127. Colgate-Palmolive Company. Plastic package of materials.
132128. Eastman Kodak Company Photographic silver halide emulsion.
132129. British Insulated Callender's Cables Limited. Clips suitable for use in supporting overhead contact wires in electric traction system. (15th July 1970).
132130. N. V. Bekaert S. A. Improvements in or relating to the connection of the free ends of a twisted wire joint to an elongate member.
132131. P. K. Padaki. A device for communication through A. C. power lines.
132132. Takeda Chemical Industries, Ltd. A method for the production of benzodiazepine derivatives.
132133. Bunker Ramo Corporation. Connector element and method for element assembly.

132134. Arbos S.p.A. Improvements in or relating to wheeled or tracked, low center of gravity harvester-threshers particularly suitable for operation on sloping soils.

- 132135 Kuraray Co., Ltd. An apparatus for continuous condensation reactions.
132136. P. H. Gopaldas and T. S. Dhingra. A tool bar system.
132137. K. Jayaraman Tandem rolling mill.

16th July 1971

132138. Pepio, Societe pour le Developement et la Vente Specialites Chimiques. Herbicidal compositions containing isopropylphenyl dimethylurea.
132139. Continental Water Conditioning Corporation. Quick-disconnect manifold assembly.
132140. Modern Telephones Limited. Electrical Storage circuit. (21st July 1970).
132141. Philip Morris Incorporated. Double edge safety razor embodying flexible blade pressure control.
132142. R. S. Amladi. Improvements in or relating to a device and method of manufacturing resin impregnated slivers.
132143. Dow Badische Company. Method of making fibers.
132144. Kennecott Copper Corporation. Extraction of copper and nickel from manganese nodules.
132145. Kennecott Copper Corporation. Recovery of copper, nickel, cobalt and molybdenum from complex ores.
- 132146 Kennecott Copper Corporation. Extraction of metal values from complex ores.

Alteration of Date

131008. The application has been deemed to have been made on the 5th December 1970.
131009. The application has been deemed to have been made on the 7th December 1970.
123509. The claim to priority 28th October 1968 has been abandoned and the application dated as of 9th October 1969, the date of filing in India.
131356. Ante-dated to 16th October 1969 under section 5 of the Act.
132071. Ante-dated to 23rd October 1969 under section 5 of the Act.

Application Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of the Gazette of India give notice to the Patents Office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933 of such oppositions.

A limited number of printed copies of the applications in the following list will be available for sale from the Government of India Book Depot, 8 Hastings Street, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specifications together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

123394. Artos Dr. Ing. Meir-Winhorst Kommanditgesellschaft. Process and apparatus for the continuous finishing treatment of textile materials. Accepted on 3rd July 1971.

Characterised by feeding treating medium of predetermined quantity and concentration and simultaneously shortening the duration of reaction or exhaustion of the medium by known steps.

123463. Joseph Lucas (Industries) Limited. Vacuum operable units for ignition distributors. (14th October 1968). Accepted on 7th July 1971.

Comprising a casing diaphragm forming two chambers, a plunger in the first chamber, conduits communicating chambers, resilient means in one chamber, sealing means formed with a pair of annular members securing the plunger to the wall of the first chamber formed with a tubular member.

123481. Imperial Chemical Industries Limited. Process for production of band or webbing structures and the band or webbing structures produced thereby. (16th October 1968). Accepted on 8th July 1971.

Comprises bringing together synthetic filaments to form small bands laterally spaced apart to form a larger discontinuous band compacting the bands by a compression die and reduced atmospheric pressure and applying a coating of molten thermoplastic organic material.

123484. Redland Pipes Limited. Improvements in the manufacture of composite pipes. Accepted on 8th July 1971.

Filaments are wound on a core pipe under a predetermined high tension controlled so that same tension exists in all filaments.

123497. Monisha Lahiri. A composition for stimulation of rubber yield in *hevea brasiliensis*. Accepted on 9th July 1971.

Comprises from 2.5% to 25% by weight of 2-chloroethyl phosphonic acid in an oil grease.

123502. Joseph Lucas (Industries Limited). Semi-conductor devices. Accepted on 9th July 1971.

Forming water with at least one p-zone and one n-zone, dividing it into parts, channels being defined between the parts and p-n junctions being exposed in the channels, pouring into the channels and curable compound capable of protecting p-n junctions, and curing the compound to form a protective film.

123579. Ciba Limited. Disazo compounds, processes for their manufacture and use, and materials dyed or printed therewith. Accepted on 9th July 1971.

Diazotized 3-acetylaminobenzene-6-sulphonic acid is coupled with a solution of 1-amino-8-hydroxynaphthalene-3, . . . 6-disulphonic acid.

123587. Julius Schmid Inc. Agent for determining pregnancy. Accepted on 15th July 1971.

A diagnostic dye reagent for pregnancy detection comprising a bromocresol purple or chlorophenol red solution and containing a buffering agent adapted to maintain the pH of the solution between 5.5 and 7.

123599. Rohm and Haas Company. Fungicidal products. Accepted on 16th July 1971.

A product comprises triazole derivative prepared by reacting a solution of a 4-substituted-1, 2, 4-triazole with a solution of metal salt and also with a corner.

123631. Vereinigte Aluminium-Werke Aktiengesellschaft. A method of and apparatus for producing mouldings by compaction. (8th August 1969). Accepted on 15th July 1971.

Producing mouldings by compaction wherein the frequency of vibration is continuously regulated during the process of compaction.

123643. Council of Scientific and Industrial Research. Improvements in or relating to electronegative xerographic developer compositions and toners therefor. Accepted on 14th July 1971.

The process comprises preparing an electronegative toner powder with carbon black and mixing the toner with a granular carrier, characterised in that the toner is obtained by impregnating carbon black with rosin powder.

123646. Council of Scientific and Industrial Research. A system for determining very small weights. Accepted on 15th July 1971.

An electric circuit formed by a source of electricity, a fixed resistance a variable resistance a microammeter and a milliammeter, all connected in series, and an optical magnet to view the tip of the pointer of the microammeter.

123686. W. Hermanns. Apparatus for pneumatically emptying non-pressureable containers filled with bulk material. Accepted on 16th July 1971.

Comprising tiltably mounted pressure vessel connected to a compressed air line to receive container interior of pressure vessel being connected with container.

123691. Industrie Onderneming Wavin N. V. A method of and a device for manufacturing a tubular hollow body with transverse grooves of a large diameter. Accepted on 13th July 1971.

Characterised in that the plastic tubular body is provided with heat between extruder mouthpiece and adjoining ends of die halves until effective movement of die halves has been completed, whereupon die halves are separated and returned to original position.

123706. S. S. Jain. An electric bulb holder which can actuate the associated signalling device upon the removal

of the bulb therefrom and an electrical circuit including the same. Accepted on 16th July 1971.

Includes at least a pair of spring loaded pins housed within the body, a conducting strip disposed adjacent said pins, and a signalling device, the pins being movable from a bulb holding position to a bulb released position.

123748. Phillips Petroleum Company. Carbon black producing process and product. Accepted on 14th July 1971.

Comprising establishing a hydrocarbon within a mass comprising air and oil a reaction zone as highly concentrated discrete particles by atomizing and conducting said mass through the reaction zone at temperatures within the lower portion of the carbon black formation temperature range and at a velocity of less than about 15 per feet per second to produce carbon black.

123815. R. S. Singh and V. L. Xavier. A display device for giving a dynamic visual effect to a static picture. Accepted on 12th July 1971.

Characterised in that between the first and second cylindrical screen is interposed a third intermediary grid screen which is tightly fitted over the base, the intermediary grid screen and the first screen being both provided on their side walls with opaque and transparent line or areas.

124091. Nippon Kokan Kabushiki Kaisha Tandem rolling mill. Accepted on 12th July 1971.

Detecting the thickness of the input material at the entry side, adjusting the screw down mechanism of said first roll stand as a function of the detected thickness and as a function of said predetermined thickness of the final output material, and simultaneously adjusting the forward slip rate by adjusting the peripheral speed of the rolls of said first stand.

124344. The Office Equipment Co., of India. Improvements in or relating to loose-leaf binders and the like, furniture for such binders. Accepted on 17th July 1971.

Comprising a pair of hingably mounted binder covers having a spine formed by a pair of L-shaped members mounted on a hinge pin, means to slide the members up and down the hinge pin a distance corresponding to the space between adjacent holes on one side of an index sheet and/or loose leaves slid over a series of fingers integral with a metal strip riveted to one web of each L-shaped member one of the member carrying a latch adapted to be engaged by a catch means carried by corresponding web of the other member, key operated locking means on the webs and means for compensating the bulging formed near the middle of the each index sheet.

124371. P. K. Sanghvi, K. S. Sanghvi, S. R. Sanghvi, V. B. Sanghvi and M. B. Sanghvi. Aluminium base alloy. Accepted on 15th July 1971.

An al base alloy containing 0.5 to 1.25% chromium, and 1.0 to 2.5% magnesium.

- 124408 Farbensfabriken Bayer Aktiengesellschaft. Process for the production of 1, 3, 4-thiadiazolyl-(5)-ureas and herbicidal compositions containing the same. Accepted on 14th July 1971.

Comprises (a) reacting a 5-amino-1, 3, 4-thiadiazole with an isocyanate or (b) reacting the amino thiadiazole with an acid chloride or (c) reacting corresponding urethane with an amine.

124428. The Dunlop Company Limited. Improvements in or relating to continuous treatment of material under pressure. Accepted on 9th July 1971.

The external surface of a portion of the length of article is completely surrounded with an element a surface portion of which is constantly in engagement with the a tickle and movable in contact therewith under pressure.

124511. Council of Scientific and Industrial Research. Improvements in or relating to preparation of cross-linked polymers and derivatives thereof. Accepted on 14th July 1971.

Characterised in that the cross-linking agent consists of formaldehyde for styrene polymers phenol for polyvinyl alcohol acrylonitrile formaldehyde polymers and melamine for urea formaldehyde polymers.

124568. United States Borax and Chemical Corporation. Herbicidal compositions containing dinitro-1, 3-phenylenediamine compounds. Accepted on 15th July 1971.

Comprises admixing as active ingredient a corresponding trifluoro, dinitro 1, 3 phenylene diamino derivative with a solid carrier or with a solvent for the active ingredient together with a surface active agent.

124626. Howson-Algraphy Limited, formerly known as Algraphy Limited. Improvements in or relating to positive acting light sensitive plates and process for making the same. Accepted on 15th July 1971.

Having a coating which includes a naphthoquinona-(1, 2)-diazide-(2)5-sulphonic acid derivative, an alkali-soluble novolak and/or other resin and a polymer containing free carboxylic acid groups.

124662. F. P. D. Thomas. Device for illuminating particular portion of an object. Accepted on 30th June 1971.

Comprising a frame member and one or more source(s) of light mounted on the frame which is removably attached to spectacle frame.

124674. Imperial Chemical Industries Limited. Process and apparatus for the heat treatment of tubular films of oriented thermoplastic materials. (3rd January 1969). Accepted on 2nd July 1971.

Comprises feeding a tube of oriented film filled with gas under pressure through a zone, in which zone gas is supplied under pressure to the outside of the tube.

124747. Norton Company. Particulate abrasive. Accepted on 7th July 1971.

A fused crystalline zirconia-alumina-magnesia) spinel particulate abrasive consisting of 20-65% zirconia and 15-75% alumina-magnesia spinel, non-spinel alumina content being limited to 65% by weight of the total composition and non-spinel magnesia upto 7% by weight maximum; binding the particulate abrasive on porous grinding wheel with a thermoset phenol formaldehyde condensation resin.

124769. K. D. Bradbury. Apparatus for pulling out plants sown in rows. Accepted on 8th July 1971.

Comprises a frame supporting a double wheel formed by two coaxial plates rotatably mounted by bushings forming integral part of said frame and including means defining a plurality of pairs organs for apprehending plants

124781. Joseph Lucas (Industries) Limited. Dynamo electric machines. (13th January 1969). Accepted on 9th July 1971.

Wherein one end of the rotor shaft extends beyond the bearings and is formed with an axial bore within which is engaged a sprocket integral with and supporting a slip ring assembly which in turn is connected to rotor windings by leads through said bearings.

124789. Imperial Chemical Industries Limited. New azo dyestuffs of the triazine series, their manufacture and use for colouring cellulose textile materials. (16th January 1969). Accepted on 12th July 1971.

Process for the manufacture of azo dyestuffs characterised in that there are condensed together two molecular proportions of cyanuric chloride two molecular proportion of an aminoazo compound and one molecular proportion of an appropriate diamine.

124792. Universal Oil Products Company. Process for treating coal. Accepted on 12th July 1971.

Process for treating coal which comprises passing crushed coal under coal-liquefying conditions using a selective solvent in the upper end of a liquefying zone and removing rich solvent containing dissolved coal from the upper end of said zone and withdrawing from the lower end of said zone a residue stream containing ash and undissolved material.

124795. Universal Oil Products Company. Supersonic jet fuel production. Accepted on 9th July 1971.

Reacting a sulphonated aromatic higher boiling charge stock with hydrogen in presence of catalyst, separating the resulting effluent into a first vapor and liquid phase, separating the first vapor phase at 15.6—60° to give a hydrogen side second vapor phase and a second liquid phase, separating the second liquid phase to give a third liquid phase and jet fuel kerosene, reacting the third liquid phase and a portion of first liquid phase with hydrogen separating the effluent to a hydrogen rich third vapor phase and a fourth liquid phase and separating the fourth liquid phase to give hydrocarbons boiling above 288°C and a supersonic jet fuel fraction.

124814. The Dunlop Company Limited. A shaft for a golf club. Accepted on 12th July 1971.

The shaft being formed from an assembly of synthetic plastic material containing a reinforcement of carbon fibres, the assembly being subsequently cured.

124844. The Dunlop Company Limited. Method of and apparatus for producing convoluted material particularly convoluted hose. Accepted on 9th July 1971.

Comprises extruding the material in a non convoluted form, passing the material over a support and intermittently engaging the material to restrict passage of the material.

124914. Electrospin Corporation. Twisting head for open-end spinning machines. Accepted on 14th July 1971.

Comprises a radially clamping grip, a pneumatic insertion device downstream of said grip and co-axial therewith, a rotary grip holder and a tubular terminal member.

124936. Farbenfabriken Bayer Aktiengesellschaft. Process for the production of amidothionophosphoric acid esters and herbicidal compositions containing said esters. Accepted on 8th July 1971.

By reacting an O-alkyl-N-alkylamidothionophosphoric acid ester halide with 2-nitrophenol or a salt thereof.

124961. Westinghouse Electric Corporation. Dynamoelectric machine. Accepted on 15th July 1971.

Comprising stator member, rotor member, means for cooling windings, rotor having salient poles, means to direct the coolant and means for restricting the flow of coolant.

124966. T S. Engineer. Needle threader. Accepted on 9th July 1971.

Comprising a housing, at least two needle receiving and supporting devices, a needle threading member for each supporting device.

125052. Mitsubishi Denki Kabushiki Kaisha. Control system for electric vehicles. Accepted on 14th July 1971.

Comprising an adjusting means having inputs from a motor voltage comparison means of two groups of motors a motor current detector means and a current pattern means determining the magnitude for limiting the current through the motor to its normal state and power converter means in series with said motors to control current and controlled by the output from said adjusting means in response to occurrence of a slip between said motors.

125094. 1. G. Parekh. Improvements in or relating to electric geysers or like water heaters. Accepted on 9th July 1971.

Wherein the current for the heating element is controlled by a water pressure operated switch placed between water inlet and the said element and an indicator lamp in the circuit.

125138 Council of Scientific and Industrial Research. Methods of preparing polyisocyanates and polyureas from pentadecenyl phenol (anacardol). Accepted on 15th July 1971.

Comprising hydrogenating 3-penta decenyl phenol followed by nitration and condensation with cyanuric chloride reducing the polynitro cyanurate to polyamino cyanurate, which are phosphoginated and treated with imines.

125203. United States Atomic Energy Commission. Photometric solution analyzer device for the simultaneous determination of a common substance in a multiplicity of discrete samples. Accepted on 9th July 1971.

Comprising power driven rotor assembly defining at least one set of radially oriented cavities in an annular array, forming a rotary cuvette system, siphon means communicating with each of the cavities, and means for activating the siphons to cause them to empty the cavities while rotor assembly is rotating.

125204. The Dunlop Company Limited. Heat treatment of thermoplastic material. (19th February 1969). Accepted on 14th July 1971.

Comprises locating a sheet portion in an ignition zone, said portion being charged with a combustible gas introduced into a gas inlet zone, interposing a reciprocable barrier to compress a sheet portion between gas inlet zone and ignition zone and igniting gas in the ignition zone.

125365. Borg-Warner Corporation. Apparatus for cleaning phonograph cartridge needle particularly for record player. Accepted on 8th July 1971.

Having a disk adapted to be seated on and driven by the turntable which disc is provided with a short length, pile or bristled surface and in which the needle can move freely.

125389. Farbenfabriken Bayer Aktiengesellschaft. Process for the production of 2-methylene-1, 3-diacetoxyp propane. Accepted on 14th July 1971.

Reacting methyl acetoate, acetic acid and oxygen in the gaseous phase at a temperature from 50°C to 250°C in the presence of a palladium catalyst containing an alkali metal acetate.

125473. Amchem Products, Inc. Coating compositions. (29th August 1969). Accepted on 9th July 1971.

Characterized by comprising between 0.01 and 0.15 parts by weight of an alkylene glycol between 0.01 and 0.12 parts by weight of a coalescing agent and between 0.01 and 0.12 parts by weight of an alkyl aryl polyether alcohol surfactant, per part of ethylene vinyl acetate copolymer.

125505. N. V. Philips Gloeilampenfabrieken. Semiconductor device. Accepted on 12th July 1971.

- Comprising a first zone of a first conductivity type adjoining a flat surface of the body a second zone of second conductivity surrounded entirely by the first zone within the semiconductor body and at least one further zone of the second conductivity type and entirely surrounded by the first zone.*
125860. Centre Technique De L'Industrie Des Papiers, Cartons Et Celluloses. A method of continuous manufacture of a sheet or element having a uniform consistency, and devices for carrying the method into effect. Accepted on 8th July 1971.
Pasty or fibrous product is distributed in the form of a radial punctual jet and the source is rotated about its own axis so that said punctual jet sweeps over the entire width of a travelling band.
126021. Farbenfabriken Bayer Aktiengesellschaft. Process for the production of amidothionophosphoric acid phenyl esters and insecticidal and acaricidal compositions containing the same. Accepted on 8th July 1971.
By reacting an O-alkyl-O-(2-carboxyphenyl)-thionophosphoric acid diester monohalide with ammonia.
- 126244 Ciba Limited. New vat dyestuffs their manufacture and use. Accepted on 12th July 1971.
Characterized by condensing the reaction product of trichloropyrimidines and 1-amino-3-chloro-anthraquinone with 2-naphthol.
126297. International Standard Electric Corporation. A radio diversity receiving system of the predetection combining type for long distance communication. Accepted on 14th July 1971.
Comprising a pair of sources of signals, first means to provide first and second frequency signals, first gain control means, second gain control means, first and second variable attenuation means.
- 126327 Dr. M. S. R. Hattiangadi. Improvements in or relating to electrolytic apparatus for heating water. Accepted on 12th July 1971.
An outer container in which a constant column of water is stored, an inverted vessel forming the inner container, a pair of electrodes provided inside the said inverted vessel, a steam regulating means provided on the said inverted vessel, an outlet valve provided on the said inverted vessel for controlling the output of steam.
126465. Joseph Lucas (Industries) Limited. Battery charging systems for road vehicles. (28th July 1969). Accepted on 12th July 1971.
Full wave rectifier is constituted by avalanche diodes which act as diodes in the forward direction, but break down in the reverse direction to conduct transients.
126569. Farbenfabriken Bayer Aktiengesellschaft. Process for the preparation of organo phosphonic acid esters, the compounds so prepared and insecticidal or fungicidal compositions thereof. Accepted on 14th July 1971.
Comprises reacting (a) corresponding chlorophenol with corresponding phosphonyl chloride or (b) reacting corresponding chlorophenyl phosphonyl chloride with corresponding chloroethanol.
126579. International Standard Electric Corporation. A wire wrapping bit. (9th May 1969). Accepted on 15th July 1971.
Comprises a rotatable portion adapted to be driven through a relatively fixed portion by driving means, wire feeding guiding and stripping means, a length wire channel, a terminal post.
126725. Siemens Aktiengesellschaft. An arrangement for generating a unidirectional voltage related to a speed of rotation. Accepted on 12th July 1971.
Switching means are controllable by signals from the emitting means to transmit to the common output common polarity portions of the phase voltages generated by the generator.
126862. Farbenfabriken Bayer Aktiengesellschaft. A bait box for rats and mice. Accepted on 13th July 1971.
Card board cut out consisting of sections for side walls, base and end walls separated by creases, other end wall consisting of the inner side wall section.
126873. Dr. M. S. R. Hattiangadi. Improvements in electrolytic apparatus for heating liquids. [Addition to No. 126327]. Accepted on 12th July 1971.
An outer container in which a constant column of liquid is stored, an inverted vessel forming the inner container, a set of three concentric cylindrical electrodes and a rod electrode of stainless steel, the central concentric electrode being live and the end concentric electrodes being electrically neutral, a preadjusted steam regulating means provided on the inverted vessel.
126946. Farbenfabriken Bayer Aktiengesellschaft. A process for the production of allyl alcohol. Accepted on 8th July 1971.
Comprising reacting propylene with oxygen and acetic acid to get alkyl acetate followed by condensation and hydrolysis in presence of an acid catalyst.
- 127020 Ciba Limited. Method of and apparatus for processing textiles. Accepted on 17th July 1971.
During the processing period the gases evolved by evaporation are at least partially withdrawn from the liquor and condensed, the solvent constituent being returned to the liquor.
127056. Toray Industries, Inc. Nylon compositions. Accepted on 9th July 1971.
Prepared by adding copper complex salt formed from copper halogenide and xylenediamine to nylon.
127086. Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Process for the production of anthraquinone. Accepted on 15th July 1971.
Catalytically oxidising in gas phase indan like 1-methyl-3-phenyl indan.
127144. Enterprise Incorporated. Apparatus for producing a fabric. Accepted on 17th July 1971.
Comprising a plurality of insert elements, a guide tube for each insert element, a cam bar, a rotatable annular support, a cam track, and means mounting the cam bars for movement.
127223. The Standard Oil Company. Iron-modified bismuth phosphomolybdate catalyst and process for the preparation thereof. Accepted on 8th July 1971.
By comminuting a used bismuth phosphomolybdate catalyst with water to form a past, adding ammonium heptamolybdate solutions to form a slurry which is poured into a silica dispersion in water acidified with phosphoric acid, adding an acidic solution of iron salt and homogeneously dispersing it to form a smooth mixture, spray, drying the slurry and calcining the product at a suitable temperature.
127391. 1. Fukuoka. A method for producing an unitary footwear. Accepted on 13th July 1971.
Injecting the first thermoplastic resinous material into the first cavity of a movable mold, cooling the material into a cured condition, shifting the mold to a stationary mold so as to define a

- second cavity into which is injected a second thermoplastic resinous material which is cured there wherein the first and second materials are integrally connected.
127155. Farbenfabriken Bayer Aktiengesellschaft. Process for the production of benzthiazylsulphenamides. Accepted on 15th July 1971.
Comprising oxidative condensation of 2-mercapto benzthiazole with an amine.
127471. Western Paper & Yarn Private Limited. An improved method of manufacture of smoke filters. Accepted on 9th July 1971.
Preparing slivers from carded textile fibres, drafting a plurality of said slivers to form a web, spraying powdered resin on the web, forming the said web into a single sliver, heating the said sliver, cooling the same preparing rods in the usual way, baking and cooling the rods.
- 127546 Snam Progetti S.p.A. Process for the separation of conjugated diolefins from mixtures containing the same. Accepted on 15th July 1971.
Wherein an oxygenated derivative of morpholine is employed as the extracting agent.
- 127657 Farbwerke Hoechst Aktiengesellschaft formerly Meister Lucius & Brüning. Thermoplastic polyester moulding compositions containing boron nitride. Accepted on 15th July 1971.
Mixture of (a) linear saturated polyester of aromatic dicarboxylic acids (b) 0.05 to 5% by weight of boron nitride and (c) 0.05 to 5% by weight of a compound containing S—O—Na— or P—O—Na—group.
127762. Film Cooling Towers (1925) Limited. Improvements in or relating to heat exchangers. (24th April 1970). Accepted on 13th July 1971.
Corrugations inclined to one of the major axes of the sheet, and an elongated portion of different cross section as viewed along the line of the corrugations and traversing said corrugations at or adjacent to one or both ends of the corrugations.
127599. JG Glass Industries Private Limited. A fastener assembly. Accepted on 14th July 1971.
A sleeve is externally threaded to receive a nut and internally threaded to receive a shank.
127976. Societe Generale De Constructions Electriques Et Mechaniques (Alsthom). Improvements in or relating to francis type turbines. Accepted on 15th July 1971.
Includes a support ring or mounting individual turbine blades a blades grouped in segments extending between an upper wall and lower wall, said upper wall being disposed between the lower wall and end portions provided on blades for securing to said ring.
127992. Vsesojuzny Nauchno-Issledovatel'sky Gorno-Metallurgichesky Institut Tsvetnykh Metallov. Method of processing ores and concentrates. Accepted on 15th July 1971.
Melting concentrates containing 10 to 70% lead, 7 to 40% zinc, 0 to 6% copper, and at least 14% sulphur to substantially complete desulphurisation, the dust fraction of the charge removed together with the outlet gases being continuously returned into the charge being processed.
128065. Montecatini Edison S.p.A., and The New Jersey Zinc Company. Reactor and process for producing pigment quality titanium dioxide. Accepted on 16th July 1971.
A downwardly divergent duct and an elongated substantially cylindrical axially open reaction chamber stacked beneath and coaxial to the divergent duct, the wall having an annular slot,
128148. Hüttenwerk Oberhausen Aktiengesellschaft. An electric arc furnace. Accepted on 8th July 1971.
Comprising three electrodes supplied from transformer, three charge holes and charging equipment, consisting of a dispenser supplied from a hopper, a circular distributing vessel divided into sectors by vertical partitions and adaptable to power output, exit openings, controller connected with dispenser and regulated by transformer power output, a conveyor and a distributing member.
128336. N. V. Philips' Gloeilampenfabrieken. Improvements in and relating to semiconductor devices. (11th September 1969). Accepted on 15th July 1971.
Comprising a semiconductor layer portion, first and second semiconductor surface regions of the layer portion being mainly of one conductivity type and being bounded by semiconductor isolation regions of the opposite conductivity type.
128577. Farbenfabriken Bayer Aktiengesellschaft. Process for the preparation of aqueous dispersion of polymers of olefinically unsaturated monomers and a stable aqueous dispersion. Accepted on 15th July 1971.
Process for the preparation of aqueous dispersions of polymers of olefinically unsaturated monomers in the presence of radical forming emulsifiers which contain urea than groups characterised in that 5 to 95% by weight of at least one polymerisable olefinically unsaturated monomer are polymerised in the presence of 5 to 95% by weight of one or more oligo urethane salts.
128635. British Steel Corporation. Method of producing a coated ferrous substrate. (9th October 1969). Accepted on 14th July 1971.
Introducing a ferrous substrate into a bath of molten metallic coatant, withdrawing it, directing particles of metallic iron or iron based alloy onto the coated substrate, before the molten coatant thereon solidifies.
128640. V. D. Shinde. An improved geyser. Accepted on 15th July 1971.
Characterised in that the length of the non-metallic tube is suitable to separate the carbon plates to draw predetermined current for different water.
131356. Rohm and Haas Company. Seeds treated with novel fungicidal compounds. [Divisional date 16th October 1969]. Accepted on 16th July 1971.
Seeds whenever treated with a triazole derivative.
132071. W. Hermanns. Containers. [Divisional date 23rd October 1969]. Accepted on 16th July 1971.
Characterised in that the next hermetically closable doors provided with upper closable charge opening (2) and lower closable discharge opening (3).

Opposition Proceedings

(1)

An opposition has been entered by Bhabha Atomic Research Centre to the grant of a patent on application No. 121897 made by Shri Ram Pratap and Mrs. Bimla Devi (Aggarwal).

(2)

An opposition has been entered by Johnson & Johnson to the grant of a patent on application No. 122500 made by The Metal Box Company of India Limited.

(3)

Application for patent No. 93396 made by Shalimar Industries Private Limited, which was opposed by Hindustan Bobbin Industries as notified in the Gazette of India, Part III, Section 2, dated the 5th March, 1966, has been withdrawn.

(4)

Opposition to the grant of a patent on application No. 107029 entered by Marico Construction and Design Company which was notified in the Gazette of India, Part III, Section 2, dated the 7th December 1968, has been withdrawn.

(5)

Opposition to the grant of a patent on application No. 107243 entered by Bata Shoe Company Private Limited, as notified in the Gazette of India, Part III, Section 2, dated the 7th December, 1968, has been treated as withdrawn.

Patents Sealed

106778, 108155, 111323, 119516, 120262, 120344, 120359,
120626, 120817, 120852, 120951, 121002, 121083, 121087,
121151, 121183, 121229, 121255, 121281, 121308, 121385,
121386, 121414, 121543, 121573, 121620, 121718, 121755,
121805, 121832, 121966, 122105, 122122, 122235, 122354,
122356, 122375, 122380, 122407, 122408, 122446, 122447,
122456, 122525, 122538, 122544, 122573, 122580, 122582,
122613, 122660, 122671, 122681, 122686, 122874, 122905,
122909, 122929, 123021, 123067, 123264, 123449, 123632,
123809, 124017, 124204, 124411, 124412, 124474, 124545,
124630, 124692, 125016, 125457, 125532, 125743, 126127
126745.

Renewal Fees Paid

57891, 57893, 57941, 58107, 58187, 58263, 58296, 58313,
58315, 58345, 58814, 59380, 60142, 61112, 61139, 61141,
61250, 61290, 61298, 61451, 61492, 61596, 61835, 64086,
64252, 64662, 64679, 64859, 64892, 64906, 65013, 65089,
65469, 65470, 65512, 65914, 66035, 68272, 68371, 68373,
68693, 68716, 68729, 68730, 69153, 71181, 71480, 72178,
72331, 72580, 72615, 72616, 72619, 72627, 72835, 72906,
72908, 72910, 73024, 73055, 73077, 73106, 73122, 73233,
73244, 73540, 74144, 74569, 74839, 76717, 77612, 77676,
77677, 77678, 77804, 77873, 77874, 77875, 77876, 77891,
77895, 77973, 77981, 78081, 78083, 78121, 78135, 78136,
78191, 78193, 78452, 78511, 78512, 78621, 83131, 83292,
83332, 83333, 83349, 83447, 83448, 83537, 83543, 83547,
83703, 83713, 83739, 83802, 83804, 83810, 83811,
83886, 83900, 83992, 84044, 84838, 87295, 87896, 88715,
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89682, 89708, 89878, 89958, 90022, 90091, 90610, 91019,
93669, 93778, 93832, 94134, 94219, 94657, 94713, 94729,
94732, 94771, 94891, 94997, 95002, 95019, 95047, 95052,
95082, 95143, 95241, 95242, 95281, 95284, 95283, 95437,
95620, 95676, 95693, 95752, 97131, 97133, 97135, 97136,
99013, 99584, 99819, 99932, 100142, 100512, 100567,
100568, 100572, 100604, 100606, 100610, 100612, 100646,
100647, 100648, 100649, 100664, 100665, 100801, 100879,
100890, 100910, 100946, 101021, 101022, 101023, 101029,
101035, 101036, 101063, 101083, 101088, 101118, 101126,
101275, 101294, 101298, 101372, 101453, 101501, 101502,
101549, 101575, 101697, 102106, 102160, 102376, 103280,
105648, 105835, 105916, 106140, 106153, 106192, 106210,
106217, 106227, 106254, 106268, 106399, 106414, 106448,
106467, 106552, 106553, 106585, 106622, 106651, 106688,
106749, 106763, 106779, 106812, 106819, 106822, 106840,
106841, 106854, 107007, 107043, 107659, 107758, 108079,
108155, 108229, 109479, 109712, 109792, 110029, 110572,
111109, 111300, 111390, 111391, 111427, 111451, 111474,
111475, 111494, 111496, 111511, 111523, 111524, 111526,
111545, 111573, 111599, 111624, 111630, 111639, 111698,
111720, 111774, 111837, 111852, 111940, 112028, 112029,
112056, 112057, 112114, 112115, 112223, 112446, 112503,
112908, 116779, 116797, 116809, 117061, 117062, 118140.

Cessation of Patents

85632, 85636, 85640, 85642, 85644, 85646, 85648, 85650,
85655, 85657, 85669, 86756, 86758, 86761, 86762, 86764
86766, 86767, 86770, 86771, 86772.

Restoration Proceedings

(1)

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911 for the restoration of following patent :—

No. 99255—Indian Textile Accessories Company.

Title :—“A frame for weaving loom healds”.

The patent ceased on the 28th April 1969, owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2 of the Gazette of India dated the 10th July 1971. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents & Designs Rules, 1933 at the Patent Office 214 Lower Circular Road, Calcutta 17 on or before the 28th August 1971.

(2)

An order has been made on the 17th June 1971, restoring the patent No. 69929 dated as of the 8th January 1960, granted to Inventa A. G. Fur Forsehung Und Patentverwertung for “process for the production of synthetic resins”.

(3)

An order has been made on the 19th June 1971, restoring the patent No. 69986 dated as of the 9th December 1959, granted to Council of Scientific and Industrial Research for “improvements in or relating to aluminium paints”.

(4)

An order has been made on the 16th June 1971, restoring the patent No. 95117 dated as of the 10th August 1964, granted to Inventa A. G. Fur Forschung Und Patentverwertung for “improvements relating to process for the production of granular urea, fit for a form stable storage”.

(5)

An order has been made on the 24th June 1971, restoring the patent No. 95362 dated as of the 26th August 1964, granted to Whitefield Mansfield Perlman Stuart for “spark erosion machining apparatus”.

Registration of Designs

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The date shown in each entry is the date of registration of the designs including the entry.

The dates shown in parentheses are the dates claimed under Section 78-A of the Act

Class 1 No. 138287, Nutex India Private Limited, (An Indian Private Limited Company duly registered and incorporated in India under Companies' Act, 1956), 79 Princess Street, Bombay 2, Maharashtra, India, “A printing device”, January 4, 1971.

Class 1, Nos. 138402/138403, Binode Chandra Das, Utkal Type Foundry, Cuttack-2 Orissa, Indian, “Type Face”, February 12, 1971.

Class 1, No. 138437 Mistri Bros, an Indian Partnership firm duly registered under the Indian Partnership Act, 338, Saider Vallabhbhai Patel Road, Muncharam Building, Bombay 4, State of Maharashtra, India, “A folding table”, February 25, 1971.

Class 1, No. 138494, Jaswantlal Anupchand Thaveri, An Indian Citizen, 64, Digvijay Plot, Jamnagar, Saurashtra, Gujarat State, India, “Tank lid”, March 18, 1971

Class 1, No. 138498, Jaswantlal Anupchand Thaveri, An Indian Citizen, 64, Digvijay Plot, Sourashtra, Gujarat State, India, “Pump cap”, March 18, 1971

Class 3, No. 138394 and 138395, Murphy India Limited, an Indian Company existing under the Companies Act, 1956, Dr. Shirodkar Road, Off Hospital Avenue, Parel, Bombay 12, (DD), State of Maharashtra, India, “Transistor case-cum-radio cabinet”, February 6, 1971.

Class 3, No. 138431, PMN & Company, (an Indian proprietorship firm), 5/5A, Grants Building, Arthur Bunder Road, Colaba, Bombay 5, (Maharashtra), “Ash-tray”, February 19, 1971

Class 3, No. 138432, PMN & Company, (an Indian proprietorship firm), 5/5A, Grants Building Arthur Bunder Road, Colaba, Bombay 5, (Maharashtra), “Container/bottle”, February 19, 1971.

Class 3, No. 138583, Mrs. Chandrabai Naraindas, Indian national, Ivanhoe, General Bhonsale Marg, Bom-

- bay 1, State of Maharashtra India. "Sole of a footwear", April 5, 1971.
- Class 3. Nos. 138595 and 138596. Vimmold Private Limited, a Company Incorporated in India, King Edward Road (Cross Lane), Sewri, City of Bombay, State of Maharashtra, India, "Toys", April 7, 1971.
- Class 3. No. 138599. Bata Shoe Company Private Limited, a private limited company incorporated under the Indian Companies Act, 30, Shakespeare Sarani, Calcutta, West Bengal, "Sole for footwear", April 8, 1971.
- Class 3. No. 138601. Jaggy & Company, 12 Rampart Row, Fort, Bombay 1, Maharashtra State, India, an Indian Company, "Spoon", April 8, 1971.
- Class 4. No. 138605. J. K. Helene Curtis Limited, a Public Limited Company incorporated in India under the Indian Companies Act and of J. K. Building, Dougall Road, Ballard Estate, Bombay 1, State of Maharashtra, India, "A bottle", April 12, 1971.
- Class 5. No. 138324. Sripalhi Rao Narayana Rao, F. 8, 7th Cross, II Main, Vidyanayapuram, Mysore-4, Mysore State, Subject of the Indian Republic, "Carton", January 12, 1971.
- Class 8. No. 138318. Mrs. Padmini Radhakrishnan, VI-306, Kakkathuruthi Road, Irinjalakuda, Kerala, S. India, Subject of the India Republic, "Woven mat", January 8, 1971.
- Class 10. Nos. 138302, 138307 and 138308. Bata Shoe Company Private Limited, a Private Limited company incorporated under the Indian Companies Act, 30,
- Shakespeare Sarani, Calcutta, West Bengal, "Footwear", January 6, 1971.
- Class 10. No. 138600. Bata Shoe Company Private Limited, a private limited company incorporated under the Indian Companies Act, 30, Shakespeare Sarani, Calcutta, West Bengal, "Footwear", April 8, 1971.
- Class 13. Nos. 137980 and 137982 to 137987. The Century Spg. & Mfg. Co., Ltd., Century Blown, Dr. Annie Besant Road, Worli, Bombay 25 DD Nationality ; Indian Company, "Textile goods other than checks or stripes", September 21, 1970.
- Class 13. No. 138183. The Century Spg. & Mfg. Co., Ltd., Century Bhavan, Dr. Annie Besant Road, Worli, Bombay 25 DD Nationality ; Indian Company, "Textile goods other than checks or stripes", November 16, 1970.
- Class 13. No. 138219. The Century Spg. & Mfg. Co., Ltd., Century Bhavan, Dr. Annie Besant Road, Worli, Bombay 25 DD Indian Company, "Textile goods other than checks or stripes", November 30, 1970.
- COPYRIGHT EXTENDED FOR A SECOND PERIOD OF FIVE YEARS**
- Design No 128235, 130315, 129798, 129800, 129801 Class—1.
- COPYRIGHT EXTENDED FOR A THIRD PERIOD OF FIVE YEARS.**
- Design Nos. 107498, 107499, 107500 & 107501 Class-1..

S. VEDARAMAN,
Controller General of Patents, Designs and Trade Marks

